

(FILE 'HOME' ENTERED AT 13:39:50 ON 14 MAR 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,
USPATFULL, JAPIO' ENTERED AT 13:40:08 ON 14 MAR 2002

L1	12 S CHLAMYDIAL GLYCOLIPID EXOANTIGEN
L2	53 S GLXA
L3	12 S L1 AND L2
L4	139047 S OLIGOSACCHARIDE
L5	1 S L1 AND L4
L6	2 S L2 AND L4

L5 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER: 2002:3624 USPATFULL
TITLE: Chlamydial glycolipid vaccines
INVENTOR(S): Stuart, Elizabeth S., Amherst, MA, UNITED STATES
Semprevivo, Lloyd H., Wendall, MA, UNITED STATES
Vora, Gary J., Amherst, MA, UNITED STATES
Davis, Erin E., Amherst, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002001597	A1	20020103
APPLICATION INFO.:	US 2001-827490	A1	20010406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-195004	20000406 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	722	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d ibib 16 1-2

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:762849 CAPLUS
DOCUMENT NUMBER: 135:302903
TITLE: Chlamydial glycolipid vaccines
INVENTOR(S): Stuart, Elizabeth S.; Semprevivo, Lloyd H.; Vora, Gary J.; Davis, Erin E.
PATENT ASSIGNEE(S): University of Massachusetts, USA
SOURCE: PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001076628	A1	20011018	WO 2001-US11383	20010406
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002001597	A1	20020103	US 2001-827490	20010406
PRIORITY APPLN. INFO.:			US 2000-195004	P 20000406
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L6 ANSWER 2 OF 2 USPATFULL

ACCESSION NUMBER: 2002:3624 USPATFULL
TITLE: Chlamydial glycolipid vaccines
INVENTOR(S): Stuart, Elizabeth S., Amherst, MA, UNITED STATES
Semprevivo, Lloyd H., Wendall, MA, UNITED STATES

Vora, Gary J., Amherst, MA, UNITED STATES
Davis, Erin E., Amherst, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002001597	A1	20020103
APPLICATION INFO.:	US 2001-827490	A1	20010406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-195004	20000406 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	722	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> FIL STNGUIDE		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	20.09	20.24

FILE 'STNGUIDE' ENTERED AT 13:44:17 ON 14 MAR 2002
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 8, 2002 (20020308/UP).

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L4 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1991:399810 BIOSIS
DN BR41:61655
TI CHEMICAL MODIFICATION OF THALLIUM-201 TO CHANGE ITS ISOELECTRIC POINT PI.
AU JEONG J M; PAIK C H; WADE K; CAMERA L; NEUMANN R D; CARRASQUILLO J A
CS NUCL. MED., NIH, BETHESDA, MD.
SO 38TH ANNUAL MEETING OF THE SOCIETY OF NUCLEAR MEDICINE, CINCINNATI, OHIO,
USA, JUNE 11-14, 1991. J NUCL MED. (1991) 32 (5 SUPPL), 1101.
CODEN: JNMEAQ. ISSN: 0161-5505.
DT Conference
FS BR; OLD
LA English

L4 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1988:467740 BIOSIS
DN BR35:97630
TI AN IMPROVED METHOD FOR THE PREPARATION OF DERIVATIVES OF REDUCING
OLIGOSACCHARIDE WITH 2-4 AMINOPHENYLETHYLAMINE

AU SEMPREVIVO L H
CS DEP. ZOOL., MORRILL SCI. CENT., UNIV. MASSACHUSETTS, AMHERST,
MASSACHUSETTS 01003, USA.
SO Carbohydr. Res., (1988) 177 (0), 222-227.
CODEN: CRBRAT. ISSN: 0008-6215.
FS BR; OLD
LA English

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Claim

10

103(a) over

Mac Donald

793

(297)

Microfilm

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
 AB The authors disclose compns. and methods of eliciting in vertebrates a protective immune response against a member of the genus Chlamydia. The methods include administering **carrier** group-coupled **oligosaccharides** obtained from a chlamydial glycolipid. In one example, an antibody response against the chlamydial **GLXA** glycolipid was induced by a tetanus toxoid conjugate.
 AN 2001:762849 CAPLUS
 DN 135:302903
 TI Chlamydial glycolipid vaccines
 IN Stuart, Elizabeth S.; Semprevivo, Lloyd H.; Vora, Gary J.; Davis, Erin E.
 PA University of Massachusetts, USA
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001076628	A1	20011018	WO 2001-US11383	20010406
	W:				
					AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
	RW:				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
	US 2002001597	A1	20020103	US 2001-827490	20010406
PRAI	US 2000-195004	P	20000406		
RE.CNT	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L6 ANSWER 2 OF 2 USPATFULL
 AB Disclosed are compositions for and methods of eliciting in a vertebrate a protective immune response against a member of the genus Chlamydia. The methods include administering to the vertebrate a composition having a **carrier** group coupled to an **oligosaccharide** obtained from a chlamydial glycolipid. The composition is administered in an amount sufficient to elicit a protective immune response against the parasite.
 AN 2002:3624 USPATFULL
 TI Chlamydial glycolipid vaccines
 IN Stuart, Elizabeth S., Amherst, MA, UNITED STATES
 Semprevivo, Lloyd H., Wendall, MA, UNITED STATES
 Vora, Gary J., Amherst, MA, UNITED STATES
 Davis, Erin E., Amherst, MA, UNITED STATES
 PI US 2002001597 A1 20020103
 AI US 2001-827490 A1 20010406 (9)
 PRAI US 2000-195004 20000406 (60)
 DT Utility
 FS APPLICATION
 LREP J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804
 CLMN Number of Claims: 17
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 722
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:762849 CAPLUS
DOCUMENT NUMBER: 135:302903
TITLE: Chlamydial glycolipid vaccines
INVENTOR(S): Stuart, Elizabeth S.; Semprevivo, Lloyd H.; Vora, Gary J.; Davis, Erin E.
PATENT ASSIGNEE(S): University of Massachusetts, USA
SOURCE: PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001076628	A1	20011018	WO 2001-US11383	20010406
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002001597	A1	20020103	US 2001-827490	20010406
PRIORITY APPLN. INFO.:		US 2000-195004 P 20000406		
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L3 ANSWER 2 OF 4 USPATFULL

ACCESSION NUMBER: 2002:3624 USPATFULL
TITLE: Chlamydial glycolipid vaccines
INVENTOR(S): Stuart, Elizabeth S., Amherst, MA, UNITED STATES
Semprevivo, Lloyd H., Wendall, MA, UNITED STATES
Vora, Gary J., Amherst, MA, UNITED STATES
Davis, Erin E., Amherst, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002001597	A1	20020103
APPLICATION INFO.:	US 2001-827490	A1	20010406 (9)
	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-195004	20000406	(60)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	722		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 3 OF 4 USPATFULL

ACCESSION NUMBER: 2001:134221 USPATFULL
TITLE: TREATMENT AND DIAGNOSIS OF ALZHEIMER'S DISEASE
INVENTOR(S): BALIN, BRIAN J., PAOLI, PA, United States
ABRAMS, J. TODD, MERION, PA, United States
HUDSON, ALAN P., NOVI, MI, United States
WHITTUM-HUDSON, JUDITH A., NOVI, MI, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001014670	A1	20010816
APPLICATION INFO.:	US 1999-227749	A1	19990108 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-70855	19980109 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P., ONE COMMERCE SQUARE, 2005 MARKET STREET, SUITE 2200, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	18 Drawing Page(s)	
LINE COUNT:	2486	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 4 USPATFULL

ACCESSION NUMBER: 97:70717 USPATFULL

TITLE: Oral vaccine comprising anti-idiotypic antibody to chlamydia glycolipid exoantigen and process

INVENTOR(S): MacDonald, Alex Bruce, Hatfield, MA, United States
Whittum-Hudson, Judith A., Elkton, MD, United States
Saltzman, William Mark, Baltimore, MD, United States

PATENT ASSIGNEE(S): The Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)
University of Massachusetts, Amherst, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5656271		19970812
APPLICATION INFO.:	US 1995-466752		19950606 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-213863, filed on 16 Mar 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-34572, filed on 19 Mar 1993		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Loring, Susan A.		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	2188		

69092/9

BIOSIS Number: 37103618

GLYCOCONJUGATES OF BACTERIAL CARBOHYDRATE ANTIGENS A SURVEY AND
CONSIDERATION OF DESIGN AND PREPARATION FACTORS

DICK W E JR ; BEURRET M

PRAXIS BIOL. INC., 300 EAST RIVER ROAD, ROCHESTER, N.Y. 14623, USA.

CRUSE, J. M. AND R. E. LEWIS, JR. (ED.). CONTRIBUTIONS TO MICROBIOLOGY
AND IMMUNOLOGY, VOL. 10. CONJUGATE VACCINES. V+196P. S. KARGER AG: BASEL,
SWITZERLAND; NEW YORK, NEW YORK, USA. ILLUS. ISBN 3-8055-4932-6. 0 (0).
1989. 48-114. CODEN: CMIMB

Language: ENGLISH

Descriptors/Keywords: **REVIEW** VACCINE CHEMICAL SYNTHESIS

Concept Codes:

- *10054 Biochemical Methods-Proteins, Peptides and Amino Acids
- *10058 Biochemical Methods-Carbohydrates
- *22018 Pharmacology-Immunological Processes and Allergy
- *31000 Physiology and Biochemistry of Bacteria
- *34504 Immunology and Immunochemistry-Bacterial, Viral and Fungal
- *36002 Medical and Clinical Microbiology-Bacteriology
- 10064 Biochemical Studies-Proteins, Peptides and Amino Acids
- 10068 Biochemical Studies-Carbohydrates
- 12512 Pathology, General and Miscellaneous-Therapy (1971-)

Biosystematic Codes:

04000 Bacteria-Unspecified (1979-)

Super Taxa:

Microorganisms; Bacteria

195605